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**TO:** Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**FROM:** Diane H. Robinson (Typed or printed name of person signing Certificate)

Fax No. 513-634-6108

Phone No. 513-634-2477

Application No.: 09/777,989

Inventor(s): Thomas Lee Chester

Filed: February 6, 2001

Docket No.: 8035M

Confirmation No.: 2857

### CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

*I hereby certify that I have reasonable basis to expect that, on **February 22, 2006**, this correspondence is being mailed or deposited with the United States Postal Service with sufficient postage as first class mail to the address identified above.*

Diane Robinson (Signature)

Listed below are the item(s) being submitted with this Certificate of Mailing\*\*:

- 1) Response to Notice of Non-Responsive Amendment (8 pages)
- 2) Appendix of Replacement Sheets of Drawings (6 sheets)
- 3) Copy of Information Disclosure Statement and SB08 that was previously sent to USPTO on July 20, 2001 (9 pages)
- 4) Non-Patent Literature Documents (102 documents)

**\*\*Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/777,989  
Inventor(s) : Thomas Lee Chester  
Filed : February 6, 2001  
Art Unit : 2857  
Examiner : Hal D. Wachsman  
Docket No. : 8035M  
Confirmation No. : 2857  
Customer No. : 27752  
Title : Methods for Modeling, Predicting, and Optimizing High  
Performance Liquid Chromatography Parameters

**RESPONSE TO NOTICE OF NON-RESPONSIVE AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY REMARKS**

In response to the Notice of Non-Responsive Amendment of January 30, 2006, please amend the above-identified application as follows, consider the following remarks and reconsider the application.

Please amend the above-identified application as follows:

*Amendments to the Specification* begin on page 2 of this paper.

*Amendments to the Claims* begin on page 3 of this paper.

*Amendments to the Drawings* begin on page 6 of this paper.

*Remarks* begin on page 7 of this paper.

An *Appendix* including amended drawing figures is attached following page 8 of this paper.